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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ling

Application No.: 09/856,234

Filed: May 18, 2001

For: **FINE GRANULARITY SCALABILITY
USING BIT PLANE CODING OF TRANSFORM COEFFICIENTS**

RECEIVED
AUG 30 2001
Technology Center 2600

Commissioner for Patents
Washington, D.C. 20231

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to Commissioner for Patents, Washington, D.C. 20231 on August 21, 2001

By: Michelle Hollis
Michelle Hollis

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

In accordance with 37 C.F.R. §1.56, Applicant wishes to call the attention of the Examiner to the following references:

FOREIGN PATENT DOCUMENT(S):

<u>Country</u>	<u>No.</u>	<u>Date of Publication</u>
EPO	0 855 838	Jul. 29, 1998

PUBLICATION(S):

Fan Ling; Weiping Li; Hongqiao Sun: "Bitplane coding of DCT coefficients for image and video compression," Proceedings of the SPIE, vol. 3653, 27 January 1999, pages 500-508.

Fan Ling; Weiping Li: "Dimensional Adaptive Arithmetic Coding for Image Compression," Proceedings of the 1998 IEEE International Symposium on Circuits and Systems, 'Online', Vol. 4, 3 June 1998, pages 13-16.

The references listed above are relevant because they were cited by the International Examiner in the Search Report dated April 14, 2000 (copy enclosed) of Applicant's counterpart international patent application no. PCT/US99/25973 (MPEP \$2001.06(a)).

Copies of the above-listed references should already be in the U.S. Patent and Trademark Office file. If not, Applicant will supply additional copies upon request of the Examiner.

OTHER U.S. PATENT(S) :

<u>Patent No.</u>	<u>Patentee</u>	<u>Date of Issue</u>
5,029,122	Uetani	Jul. 2, 1991
5,768,535	Chaddha et al.	Jun. 16, 1998

The references listed above were cited by the International Examiner in the International Preliminary Examination Report dated April 3, 2001 of Applicant's counterpart international patent application no. PCT/US99/25973.

Copies of the above-listed references should already be in the U.S. Patent and Trademark Office file. If not, Applicant will supply additional copies upon request of the Examiner.

OTHER PUBLICATION(S):

ISO/IEC JTC1/SC29/WG11, MPEG98/M4204, December, 1998.

ISO/IEC JTC1/SC29/WG11 is discussed on page 5 of Applicant's specification. This document is only cited for the Examiner's information in compliance with Applicant's duty of disclosure; it is not believed that this document constitutes prior art, since it is dated December 1998, and the present invention claims the benefit of Applicant's provisional application 60/110,882 filed on December 4, 1998.

A copy of the above-listed reference is enclosed, together with a completed form PTO-1449.

Consideration of these references by the Examiner is respectfully requested. To date, a first Office Action on the merits has not been received in connection with this application. This Information Disclosure Statement is therefore believed to be timely filed.

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Consideration of these references by the Examiner is respectfully requested.

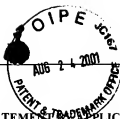
Respectfully submitted,



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Date: August 21, 2001

ATTORNEY DOCKET NO.: GIC-562



FORM PTO-1449

ATTY. DOCKET NO.: GIC-562

SERIAL NO.:
09/856,234

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

APPLICANT(S): Ling

FILING DATE: May 18, 2001

GROUP:

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	5,029,122	Jul. 2, 1991	Uetani			
	AB	5,768,535	Jun. 16, 1998	Chaddha et al.			

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANS- LATION YES NO
	AC	0 855 838	Jul. 29, 1998	EPO			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	AD	Fan Ling; Weiping Li; Hongqiao Sun: "Bitplane coding of DCT coefficients for image and video compression," Proceedings of the SPIE, Vol. 3653, 27 January 1999, pages 500-508.
	AE	Fan Ling; Weiping Li: "Dimensional Adaptive Arithmetic Coding for Image Compression," Proceedings of the 1998 IEEE International Symposium on Circuits and Systems, 'Online', Vol. 4, 3 June 1998, pages 13-16.
	AF	ISO/IEC JTC1/SC29/WG11, MPEG98/M4204, December, 1998.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.